

**I3306** Lab *n*° 3: SP

*Dr. Bilal Kanso* 2020-2021

## Consider the following database schema:

- Instructor(*InstNo*, Name, Rank)
- Student(StudentNo, Name, Address, EnrollD, GraduatedD)
- Course(<u>CourseNo</u>, Title, nbHours, InstNo) InstNo references Instructor(InstNo)
- Take(<u>StudentNo, CourseNo</u>, Grade)
  StudentNo references Student(StudentNo)
  CourseNo references Course(CourseNo)

## Exercise 1

Write the following Stored Procedures in TSQL:

- (a) A SP that deletes a given student. If the student does not exist, an error message should be displayed;
- (b) A SP that returns the number of students enrolled in courses given by "Assistant" instructors
- (c) A SP that makes all students that should be "graduated" graduated. A student should be gratuated if the number of enrolled courses is 30 and the grade average is greater than 10.
- (d) A SP that prints the enrolled courses for a given student.